

Dishwasher

FAVORIT 665/665 i

Operating instructions

AEG

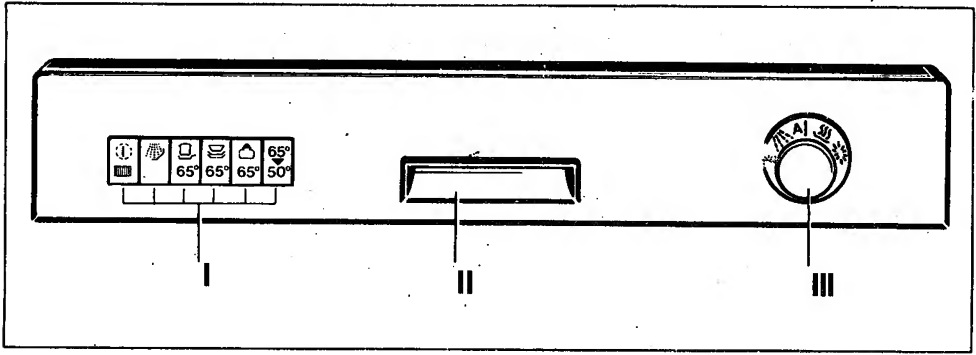
Please read the instructions for use and keep them in a safe place!

**Your dishwasher should only be installed
by a qualified tradesman. Our special
installation instructions are given on
pages 19—21.**

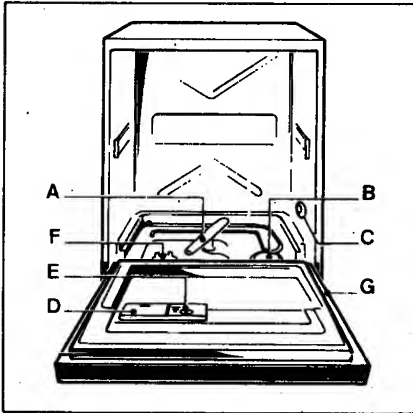
These instructions for use will help you take
full advantage of all the features offered
by this machine. In return for this minor
effort, your FAVORIT will reward you with
faultless service. You will also save yourself
unnecessary maintenance costs!

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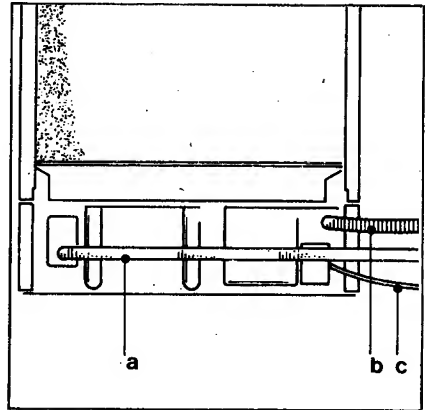
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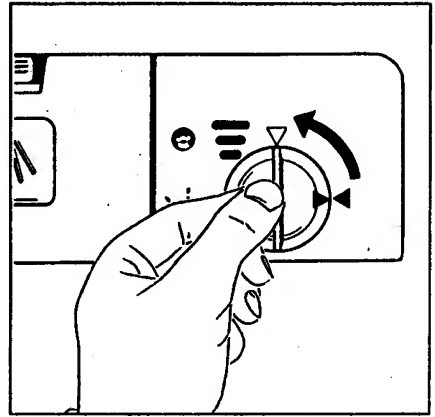
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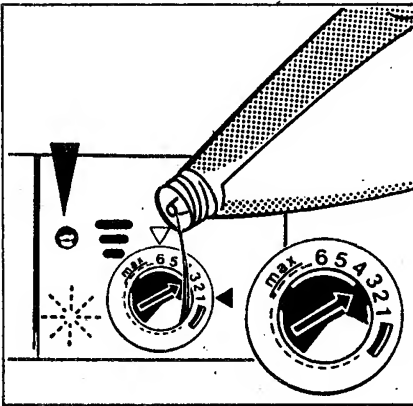
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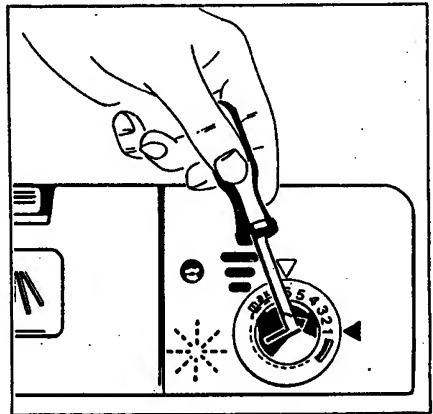
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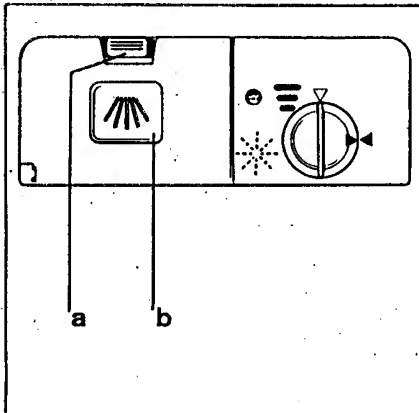
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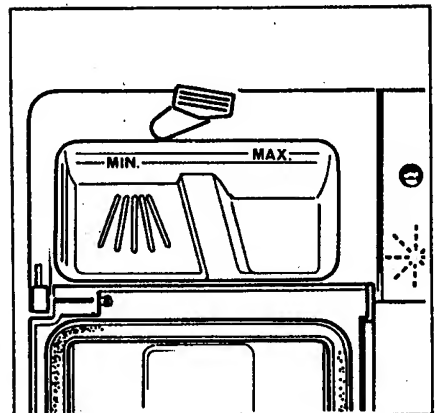
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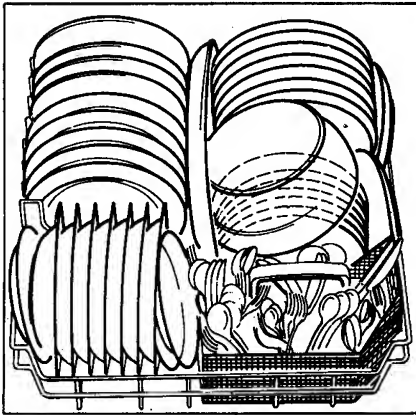
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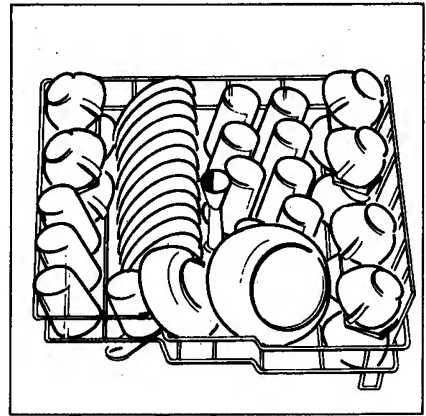
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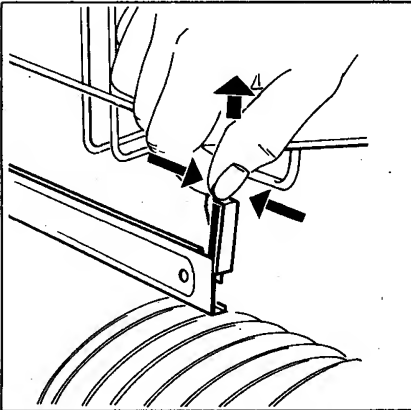
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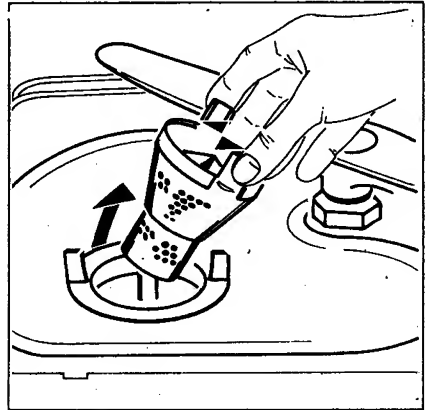
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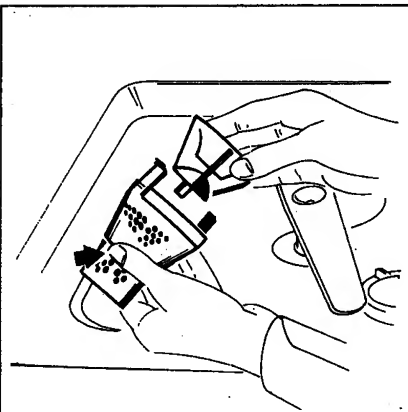
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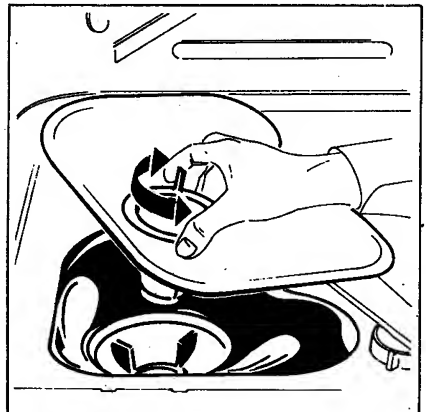
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17

Machine description

Please unfold illustration pages 3, 4, 5 before reading on!

Control panel

Fig. 1

- I Start/stop and programme selector buttons
- II Door release handle
- III Programme switch and programme cycle indicator

Inside view

without crockery baskets

Fig. 2

- A Lower spray arm
- B No function
- C No function
- D Detergent dispenser
- E Rinse aid dispenser
- F Strainers
- G Rating plate (with E- and F-number)

Rear view

Fig. 3

- a) Supply hose
- b) Drain hose
- c) Electrical supply lead

Start/stop and programme selector buttons (Fig. 1/I)



Start/stop button with operating indicator



Extra pre-wash



Intensive 65° C (temperature **cannot** be reduced to 50° C)

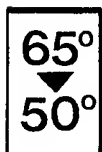


65° C normal programme
(can be combined with temperature reduction to 50° C)

Machine description



65° C economy programme
(can be combined with temperature reduction to 50° C)



Temperature reduction to 50° C

Programme cycle indicator (Fig. 1/III)



Pre-wash



Washing with detergent



Intermediate rinse



Final rinse with rinse aid



Drying with hot air

Machine description

Crockery baskets

To ensure protection of the crockery baskets during transport, we have packed them with polystyrene foam parts. Please remove all polystyrene foam parts before operating your dishwasher.

Important hints to help you use your dishwasher correctly

- **Operate your dishwasher economically and with regard for the environment:**
Collect your dirty dishes, stack them in the dishwasher, and only wash them when both baskets are full. **Always select the programme corresponding to the degree of soiling of your crockery (according to the chart on pages 34/35).**
- Certain types of decoration which have been painted over the glaze may fade after frequent machine washing. Please ensure that earthenware dishes are marked "dishwasher-proof"!
- Parts of aluminium utensils or saucepans also tend to discolour during washing. Some types of glass further become cloudy after many washing cycles.
- Silver crockery and cutlery should always be cleaned of food residues if they are not washed immediately after a meal (since many food residues, such as egg white, egg yolk, or mustard cause discolorations or staining).
- **The following are unsuitable for machine washing:**
Wooden boards, plastic parts sensitive to hot water, tin crockery, glued crockery parts, and crockery parts with hairline cracks. Also older types of cutlery with temperature-sensitive adhesive as well as rust-sensitive steel knives, and cutlery with wooden, horn, porcelain, and mother-of-pearl handles.
- When you buy new crockery, ensure that its shape is suitable for loading in dishwashers: items should have straight and even surfaces, large openings, flat shallow bases, dishwasher-safe decoration. Glasses and cutlery should also be dishwasher-safe.

How to operate your machine

Filling with rinse aid

The rinse aid ensures that the last rinse water flows off, leaving no drops, and gives your crockery its final sparkle. The rinse aid is dispensed automatically from the dispenser.

Important!

Use only a branded rinse aid for domestic dishwashers, since other agents, e.g. vinegar, may damage your machine and not produce the intended effect.

Never use conventional washing-up liquids, since they contain agents causing heavy frothing and are unsuitable for dishwashers.

The dispenser is located on the inside of the door (Fig. 2/E). Open the dispenser by twisting the cap $\frac{1}{4}$ revolution to the left (Fig. 7/arrow) and fill the rinse aid into the filling opening max. up to the dotted line (Fig. 8).

Then close the cap again by twisting it to the right.

Filling quantity is around 150 cm³ (sufficient for around 50 washing programmes).

Wipe off any spilled rinse aid with a cloth, otherwise too much foam will be produced during washing.

Rinse aid replenishment indicator

You must replenish with rinse aid when a dark spot surrounded by a bright ring (●) appears in the display window on the dosage combination (Fig. 8/arrow). When the rinse aid dispenser is full, the display window appears uniformly dark.

How to operate your machine

Setting the rinse aid quantity to be dosed

The dispensing unit is located inside the filling opening (Fig. 9). You can use it to regulate the rinse aid quantity on a scale of 1—6 corresponding to 1—6 cm³ rinse aid addition.

For this purpose, set the arrow with a coin or screwdriver to the required scale position.

The rinse aid dosage is factory-set to a quantity of 3 cm³ rinse aid (arrow points to "3") per washing programme.

In individual cases, more or less rinse aid can be dispensed, but you should do this only if you discover imperfect crockery results after washing (see page 17 under "If you think your dishwasher is not working properly").

Add dishwashing detergent — before each washing programme

Before starting a washing programme (except "Extra pre-wash"), you must fill the detergent dispenser with dishwasher detergent powder (Fig. 2/D).

If the lid is closed, press the locking lever (Fig. 10/a), and the lid will spring open. The quantity of detergent used depends on the degree of soiling of the dishes. For normal soiling, around 20 g (for heavy soiling, especially with starch and fat, up to max. 30 g) should be added. The two marking lines in the detergent dispenser are intended to help you achieve the correct dosage. The lower "Min" mark corresponds to around 20 g and the upper "Max" mark to around 30 g detergent when filled level (Fig. 11). Then press the lid shut. The catch must engage.

The detergent is dispensed automatically into the machine during the washing programme.

During programmes with pre-wash, we additionally recommend you to put around 5 g detergent in the dispenser cap recess (Fig. 10/b) (recess filled level).

Since the effectiveness of different detergents may vary, please also note the dosage recommendations of the detergent manufacturer concerned.

Important note:

The detergent dosage indicated as "Min" and "Max" applies to the **full load** which we recommend as being **the most economic and environmentally acceptable** method of machine dishwashing.

You may of course also wash smaller quantities of dishes — with correspondingly smaller detergent dosage. E.g. for half-load, you should add only max. 15 g detergent to achieve satisfactory dishwashing results.

Important!

- **Use only branded dishwasher detergent for domestic dishwashers.** Never use conventional washing-up liquids (they cause heavy frothing, and the dishes will not be cleaned).
- Always store the detergent in a dry place in a sealed container (lumpy detergent will not clean dishes).
- To ensure good economy and as a contribution to environmental protection, never add too much dishwashing detergent. If you add too little detergent, starch residues remain on the dishes and can only be rubbed off by hand.

Loading the dishwasher correctly

Before loading the machine with dishes, remove larger food residues that are not soluble in water, e.g. fishbones and other bones, etc. Pans with burnt-on food residues should be pre-soaked in water.

The easiest way to load the basket is from back to front.

Lower basket (Fig. 12)

Large, heavily soiled dishes are best cleaned in the lower basket. Draw out the lower basket **to its fullest extent** and place dishes, bowls, plates, and pots according to our illustrated example.

Cutlery basket

Cutlery should be arranged in the basket as follows:

- Arrange cutlery loosely and distribute it in all compartments so that each individual article has good contact with the washing water.
- Place knives, forks, and spoons with the handle pointing downwards.
- Do not nest spoons and forks inside each other.
- Do not arrange spoons and forks with their dirty side in contact with each other. For coffee- and teaspoons, you can use the special spoon rack on the LH side.
- Exceptionally long cutlery pieces, such as e.g. soup ladles or the like, can be placed in the upper basket (since the upper rotor arm may otherwise be obstructed).

Upper basket (Fig. 13)

Smaller, more fragile dishes are given a gentle wash in the upper basket. Draw out the upper basket to its fullest extent and insert the smaller crockery items, such as saucers, cups, glasses, and small cans according to our illustrated example. For this purpose, also use the hinged cup holders.

Important!

Proper arrangement ensures perfect washing results.

- Arrange all containers, such as cups, glasses, saucepans, etc., with the open downwards so that the water can run out freely. Make sure that no water can collect in the recesses.
- Extremely curved dishes or other items should be placed in holders with wide spacings on the LH side at the back of the lower basket so that the sprayed water has good access to all surfaces.
- Dishes, pots, and pans are best placed upside down over the short angled holders in the lower basket.
- Arrange glasses so that they are not in contact with each other (this prevents marks which may be produced during drying and also prevents glass damage).
- Hinged cup holders: arrange cups in staggered formation to ensure thorough cleaning action from all sides.

Upper basket adjustment

The upper basket is height-adjustable. The upper position of the upper basket allows a setting height of 20 cm in the upper basket and 29 cm in the lower basket, whereas the lower position of the upper basket allows a setting height of 25 cm in the upper basket and 24 cm in the lower basket.

The upper position of the upper basket has been factory-set. To adjust the height of the upper basket, proceed as follows:

1. Draw out the upper basket to its fullest extent.
2. Remove the catches (Fig. 14) at the front end of the basket rails.
3. Pull the upper basket fully out of the basket rails.
4. Thread the upper or lower roller set (upper roller set = lower position of upper basket, lower roller set = upper position of upper basket) of the upper basket in the basket rails.
5. Clip the catches back on to the basket rails.

Starting and stopping — taking out the dishes

Programme start

(Turn to next page for programme chart)

1. Fully open water tap.
Note: Should you ever forget to open the water tap when the dishwasher has already been started, switch off the appliance, open the water tap, and restart the programme from the beginning.
2. Turn programme switch (**Fig. 1/III**) clockwise to symbol **A** or **B**.
3. Press start/stop and programme selector button and possibly also press 50° button (**Fig. 1/I**). Programme starts.

Programme cycle indicator

(**Fig. 1/III**)

After starting, the washing programme runs automatically.

During the programme cycle, the programme switch rotates stepwise and thereby indicates the respective status of the washing programme.

During heating for washing with detergent and final rinsing with rinse aid, the programme cycle indicator remains stationary until the required temperature is attained.

Programme correction

If you have set the wrong programme by mistake, you can immediately correct this by pressing the programme button or turning the programme switch clockwise to the correct position.

Important!

On radio interference grounds, operate programme switch only **when the machine is switched off**. Otherwise this could also result in unintentional detergent dosage.









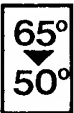





Programme stop

When the programme has ended:

- Press the start/stop button.
The operating indicator goes out.
Release any pressed 50° button.
- Then open the door (there will be some escape of steam) and leave it slightly ajar.
The drying stage is accelerated by warm air and steam escapes. After around 15 minutes, you can take out the dishes.
- First take out the dishes from the lower basket and then from the upper basket so that no water from the recesses in the crockery above can drip on to articles in the lower basket.
- Check the condition of the strainers after every washing programme. If they are choked, clean them. Turn to page 16 for cleaning instructions.

Important note:

If your machine is installed under a continuous worktop, please note the instructions on worktop protection given on page 19.

Washing programmes	Suitable for	Set programme: Turn programme switch to symbol Press start/stop button and programme selector button
Extra pre-wash	Used crockery collected in the dishwasher and intended for washing at a later time	A  
Intensive 65°C	Heavily soiled tableware and cookware with heavily dried-on food residues, especially egg-white and starch	A  
Normal 65°C	Normally soiled tableware and cookware with heavily dried-on food residues	A  
Normal 50°C	Normally soiled tableware with temperature-sensitive items (e.g. glass, plastic)	A   
Economy 65°C	Normally to slightly soiled tableware and cookware	B  
Economy/ short 50°C	Short programme for normally to slightly soiled coffee and dessert crockery as well as sensitive glasses	B   

Programme cycle	Programme duration in minutes for cold water connection	Energy consumption (kWh) for cold water connection	Water consumption in litres
Pre-wash	11	0.1	6
Pre-wash, washing with detergent, 2 x intermediate rinse, final rinse with rinse aid, drying with hot air	90	1.7	25
Pre-wash, washing with detergent, intermediate rinse, final rinse with rinse aid, drying with hot air	87	1.6	20
Pre-wash, washing with detergent, intermediate rinse, final rinse with rinse aid, drying with hot air	70	1.0	20
Washing with detergent, intermediate rinse, final rinse with rinse aid, drying with hot air	77	1.6	15
Washing with detergent, intermediate rinse, final rinse with rinse aid, drying with hot air	59	0.9	15

Cleaning the strainers

Coarse filter

Fig. 15

Remove the coarse strainer and clean it under running water with a brush. If food residues have become stuck, take out the insert (Fig. 16) and remove the food residues.

Then replace the insert firmly in the coarse strainer and place it in the fine strainer.

Fine filter

Fig. 17

If necessary, also clean the fine strainer and microfilter.

Twist it to the left and clean the upper and lower sides.

Unscrew it anticlockwise and clean the top and the underside of the strainer.

Then replace it so that the outside edge rests correctly on the floor of the machine (i.e. forms a tight fit). Then screw on tight in a clockwise direction.

Never carry out a washing programme without a strainer.

Care instructions

Never clean the screens and controls of your appliance with commercially available furniture cleaners and aggressive detergents.

If cleaning is necessary, use only lukewarm water.

If you think your dishwasher is not working properly

Before calling our service centre, please check whether you can rectify the fault yourself by following the instructions given below.

What should I check if ...?

... the program will not start?

- Are the fuses in order?
- Have you closed the door properly?

... no water flows in?

- Have you turned on the water tap?
- Check the water supply hose (it must not be kinked).

... the programme switch stops at the start of cleaning (symbol) or rinsing with rinse aid (symbol)?

- Have you fully opened the water tap (see page 13)?
- Check the strainer at the screwed connection of the supply hose (please clean if dirty).
- Is a minimum water pressure of around 1 bar available (see page 20)?

... the crockery is not clean?

- Did you select the correct programme?
Remember to use a programme suitable for the nature and degree of soiling of your crockery.
- Did you arrange the crockery in accordance with the instructions given in this manual? The sprayed water must have access to all surfaces, both internal and external. The baskets must not be overfilled!
- Have the spray arms been obstructed by a piece of crockery or cutlery?
Please make sure that, for better drainage of residual water at the programme end, the upper spray arm obliquely tilts when it comes to rest. When operational, it automatically runs in the horizontal position.

If you think your dishwasher is not working properly

- Are the strainers clean? Did you replace the strainers properly after cleaning them?
- Have you used sufficient detergent?
- Check the drain hose (It must be run according to the instructions given on pages 20/21).
- In the event of a hot-water connection (up to max. 60°C) — to ensure good economy, only recommended if a cheap supply of hot water is available — use no 50° programmes so that the detergent has a sufficiently long time to act.

... **the dishes do not dry and have no sparkle?**

- Have you used a branded rinse aid?
- Is there enough rinse aid in the dispenser? (check rinse aid indicator on dosage combination).
- Was the correct dosage selected?

In case of an overdosage:

If streaks, stripes, and milky shapeless marks (also blue-coloured blooms) form on the crockery, too much rinse aid is being added. Therefore **decrease the dose!**

In case of an underdosage:

If dried water droplets (also greyish white drop edges) form, especially on glasses, too little rinse aid is being added. Therefore **increase the dose!**

... **rust marks can be seen inside the machine?**

The machine interior, filters, and door interior are made of stainless steel and will not rust. If rust is found on these parts, this must be from another source (rust in water, rust particles from water pipes, saucepans, and cutlery). Remove the marks with a commercially available stainless steel cleaner.

... **the drain pump runs continuously (even when the machine is stopped)?**

- The water protection system (see page 21) has responded.
First close the water tap and then unplug the machine.
- In this case, the service centre should **always** be called for fault-finding.

After-sales service

On page 16/17, we have listed the most important faults which you can remedy yourself.

- If you nevertheless wish to call in our service engineer to eliminate one of the above faults or a fault resulting from incorrect operation, we should like to draw your attention to the fact that repairs are not carried out free of charge even during the warranty period.
- You are therefore strongly advised to adhere to the instructions given in this manual and also to follow our additional tips and recommendations.
- If you find that this instruction manual cannot help you in detecting and eliminating a particular fault, then please call the service centre.

Our electrical appliances comply with the valid safety requirements. Repairs to electrical appliances should only be performed by a trained electrician. Improper repairs may place the user at serious risk.

When calling the service centre, please state the

E-number
(product number)

and the

F-number
(serial number)

which are given on the rating plate (**Fig. 2/G**). Your indication of these numbers enables the after-sales service to make precise identification of the required spare parts so that your dishwasher can be repaired at the engineer's first visit.

You will thus save yourself additional costs due to any possible repeated trips by the service engineer.

Notes on installation

Installation

Your dishwasher can be installed on any level and stable floor. It is important that your dishwasher should stand firmly and horizontally on the floor. Uneven floor conditions can be compensated by adjustment of the feet.

If you want to integrate your free-standing appliance below a worktop, you can remove the worktop (cover from the dishwasher).

In this case, please make sure that, before the appliance is inserted, the worktop is covered below and on its front edge by an aluminium foil (to be ordered from the service centre).

The fitting instructions are given on the back of this foil.

Only in this manner will your worktop be protected from damage by the steam emerging from the machine when the door is opened.

Important note

(applies only to freestanding machines **with** worktop)

If, for reasons of space, there is no alternative to installing your dryer directly next to a gas or electric cooker or coal range, you must interpose a thermally insulated panel (measuring 85 x 57.5 cm) between cooker and dishwasher. This panel should be coated with aluminium foil on the side facing the cooker.

If you have build-under appliance, please follow the notes on installation given in the installation and connection instructions supplied as well as the separate fitting instructions.

Water supply

This dishwasher is equipped with a safety valve (solenoid valve) directly at the water tap (see also page 21): To assure the function of the safety device, the double-skinned supply hose must be connected to the outlet valve (water tap) in a specific installation position.

Please therefore take special note of the separate "Water Tap Safety Valve" connection instructions.

Your dishwasher has been built in accordance with regulations governing water-consuming appliances and is equipped with safety devices which prevent used water from flowing back into the drinking water mains. Your dishwasher can be connected to either a cold or hot water supply of max. 60°C, **but not to open hot water appliances and through-flow heaters.**

The supply hose is fitted with a screwed hose connection (to DIN 259) and can be connected to an outlet valve (water tap) with male thread (¾").

Suitable washers are supplied with the machine. Do not use any washers other than these! The plastic nut of the screwed hose connections can be tightened by hand.

If you require a supply hose which is longer than the one supplied, use only a complete hose kit continuously and to adequate length. Never lengthen existing hoses.

Notes on installation

Water supply

Important note:

On appliances with a safety valve at the water tap, the extension can also be made with a permanently installed copper pipeline (8—10 mm dia.).

Minimum water pressure:

around 1 bar (1 atm overpressure, 1 kp/cm², 10 N/cm²). If your water pressure is under 1 bar, please ask our service centre for advice.

Maximum allowable water pressure:

around 10 bar. For water pressure over 10 bar, a pressure reducing valve (obtainable from your dealer) must be fitted upstream.

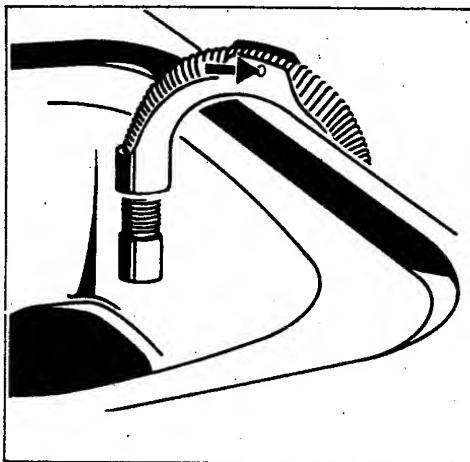
Water drainage

The drain hose is fastened at the back of the machine by a plastic tape. Remove the plastic tape and place the drain hose in the plinth recess (see Fig. 3/b).

The hose connection (19 mm dia.) supplied with the dishwasher will fit all commonly available makes of sink trap. Secure the hose with the supplied hose clip.

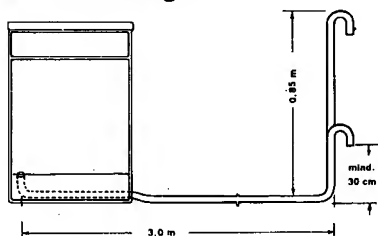
If you suspended the drain hose on a free-standing appliance in a sink, you should then use the **supplied attachable bend** (see illustration opposite).

If you draw a string through the hole (see arrow), you can also mount the bend on a wall and thus prevent it from slipping off (e.g. if the sink edges are too wide).



Notes on installation

Water drainage



Your dishwasher is equipped with a pump which serves to pump out the used washing water and is controlled by the programme. It pumps the used washing water through the drain hose up to a height of 1 m, hose extension max. 3 m, laid horizontally, up to max. 85 cm above floor level (see illustration).

Use only original extension hoses. They are obtainable in lengths of 2.70 m and 4 m from our service centre.

The inside diameter of these extension hoses must be 19 mm so that appliance operation is not impaired.

The drain hose is run from the rear of your dishwasher. It can be laid in the plinth recess either to the right or left of the machine.

Caution! The hose must not be kinked, squashed or twisted. Please also note: The inlet height must be at least 30 cm above the bottom edge of the machine.

If the hose is connected directly to a sink trap, the inside diameter of the sink trap connection may not be less than 15 mm.

Water protection system

To protect your dishwasher from water damage, it is equipped with a water protection system.

Apart from an overflow protection, which prevents uncontrolled rising of water in the appliance, it also features an outlet protection (float switch in the floor tray). This responds in the event of any untightness in the machine.

The double-skinned supply hose is monitored by the safety valve directly at the water tap.

In all cases of malfunction, the water supply is immediately interrupted and the drain pump switched on. **The pump also operates even if the machine is switched off.**

This prevents water from either flowing out or overflowing. Any residual water in the appliance is automatically pumped away.

A fault is recognizable by the fact that a pump noise is heard when the machine is **switched off**.

If a fault occurs, **first close the water tap**. Then fully isolate the machine from the mains supply by unplugging it.

Electrical connection

Details of the electrical connection are given on the rating plate. This is located on the RH inner edge of the door. If the machine can be changed over, the changeover diagram directions given in the machine must also be observed.

Comply with the specifications when connecting the machine and also where necessary with the local regulations of the electricity authority.

During appliance connection, it is essential to ensure that the nominal voltage specified

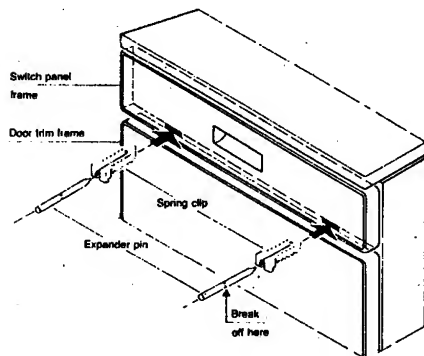
on the rating plate is the same as the mains voltage at the place of installation.

To disconnect the automatic dishwasher from the mains supply, pull out the plug. Should the appliance have a "fixed wiring connection" with the mains supply, it must be disconnected by appropriate measures on the fixed wiring side (fuses, automatic cutout, spurious current protection switch, or the like which have a contact opening width > than 3 mm).

Notes on installation

Important note

The supplied package contains 2 plastic clamping springs and 2 metal pins which can be used for additional fixing of the decor panels in the frame.



When the decor panel has been fitted, the clamping spring is to be engaged in the available recess between door decor frame and control panel frame and pressed in to its fullest extent. Then insert the filling pin and pinch off projecting end (see illustration).

In the event of any possible decor panel change, the foregoing mounting is to be removed by prizing off with a screwdriver, care being taken to prevent damage to the decor frame. The used parts are to be replaced by new ones during re-installation.

The individual parts can be ordered from the service centre under the following part numbers:

Clamping spring	Part No. 646 054 470
Filling pin	Part No. 646 056 660

Technical data

Capacity as per IEC Publ. 436

12 standard place settings
including serving utensils

Water pressure: 1 to 10 bar

This appliance meets the radio interference suppression requirements of EC Directive 82/499/EC and the standards concerning the effects of electrical appliances on power systems EN 60 555 Parts 1—3 / DIN VDE 0838 Parts 1—3, June 1987.

The consumption data stated in this manual refer to the comparison programme "Normal 65°C".

Detergent dosage:

5 g in pre-wash sequence
20 g in wash sequence

Decor panel dimensions:

Free-standing appliance:
H 590 x B 580 mm

Clamping thickness: max. 4 mm

Examples of crockery arrangement for 12 standard place settings including serving utensils to IEC Publ. 436

Figs. 12 and 13

12 place settings:

12 soup plates of around 24 cm dia.
12 dinner plates of around 24 cm dia.
12 dessert plates of around 19 cm dia.
12 teacups of around 9 cm dia.
12 saucers of around 14.5 cm dia.
12 drinking glasses of around 7 cm dia.
and around ¼ l capacity
12 knives
12 forks
12 spoons
12 teaspoons
12 dessert spoons

Serving utensils:

1 oval platter of around 37.5 x 26 cm
1 round bowl of around 21.5 cm dia.
and around 10 cm depth
1 round bowl of around 17 cm dia.
and around 7.8 cm depth
1 dish of around 15 cm dia.
1 serving fork
2 serving spoons
1 gravy ladle

